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भाग II—खण्ड 3—उपखण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

MINISTRY OF COMMERCE

NOTIFICATIONS

New Delhi, the 8th September 1967

S.O. 3228.—In exercise of the powers conferred by section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) and after previous publication as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964, the Central Government hereby—

(1) notifies that power driven pumps meant for export shall be subject to quality control and inspection;

(2) specifies the type of quality control and inspection in accordance with the Export of Power Driven Pumps (Quality Control and Inspection) Rules, 1967, as the type of quality control and inspection which would be applied to such power driven pumps;

(3) recognises—

(a) the specifications of the export contract as agreed upon between the buyer and the seller, and

(b) in the absence of any specification as mentioned in clause (a) above, the specifications as set out in Annexure I to this notification, as the standard specifications for power driven pumps;

(4) prohibits the export, in the course of international trade, of such power driven pumps unless the same are either accompanied by a certificate issued by any of the Export Inspection Agencies established under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), to the effect that the power driven pumps are export-worthy or are affixed with a seal or mark recognised by the Central Government under section 8 of the said Act

2. Nothing in this notification shall apply to the export by land, sea or air of samples of power driven pumps aforesaid not exceeding three in number of each type, size and duty to prospective buyers.

3. **Definition.**—In this notification power driven pumps shall mean a device driven by a prime mover and used for raising fluids from a lower to a higher level or for imparting energy to fluids, and shall include all its spares, components and accessories.

4. This notification shall come into force on 3rd October, 1967.

ANNEXURE I.

[*See* clause (b) of sub-para (3) of para I]

List of Indian Standards

S. No.	Commodity	Relevant specification issued by I.S.I.
1	2	3
1.	Horizontal Centrifugal Pump for clear, cold and fresh water .	IS : 1520—1960
2.	Vertical turbine pump for clear, cold and fresh water . .	IS : 1710—1960

NOTE.—If in respect of any commodity specified in column (2) there are any later versions to the relevant specifications by the Indian Standard Institute, the specification applicable to such commodity shall be the latest of such versions and not the specification mentioned in column (3).

[No. 60(20)Exp.Insp/67.]

S.O. 3221.—In exercise of the powers conferred by section 17 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), the Central Government hereby makes the following rules, namely:—

1. **Short title and commencement.**—(1) These rules may be called the Export of Power Driven Pumps (Quality Control and Inspection) Rules, 1967.

(2) They shall come into force on 3rd October, 1967.

2. **Definition.**—In these rules, unless the context otherwise requires:—

(a) 'Agency' means any one of the Export Inspection Agencies established at Cochin, Madras, Calcutta, Bombay and Delhi under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).

(b) 'power driven pumps' shall mean a device driven by a prime mover and used for raising fluids from a lower to a higher level or for imparting energy to fluids, and shall include all its spares components and accessories.

3. **Quality Control and Inspection.**—(1) The quality of the power driven pumps shall be ensured by exercising the following controls at different stages of their manufacture together with the levels of control as given in the Annexure hereto namely:—

(i) Bought out materials and components control.

(a) Purchase specifications shall be laid down by the manufacturer incorporating the properties of materials or components to be used and the detailed dimensions thereof with tolerances.

(b) The accepted consignments shall be either, accompanied by a supplier's test or inspection certificate corroborating the requirements of the purchase specification, in which case occasional checks shall be conducted by the purchaser for a particular supplier to verify the correctness of the aforesaid test or inspection certificates, or the purchased materials or components shall be regularly inspected or

tested either in a laboratory within the factory or in some other laboratory or test house.

(c) The sampling for inspection or test to be carried out, shall be based on a recorded investigation

(d) After the inspection or test is carried out, systematic methods shall be adopted in segregating the accepted and rejected materials or components and for disposal of rejected materials or components.

(e) Records in respect of the controls exercised shall be regularly and systematically maintained.

(ii) **Process Control.**

(a) Detailed process specifications shall be laid down by the manufacturer for different processes of manufacture.

(b) Equipments, instrumentation and facilities shall be adequate to control the processes as laid down in the process specifications.

(c) Adequate records shall be maintained to enable the verification of the controls exercised during the process of manufacture.

(iii) **Product Control.**

(a) The manufacturer shall either have his own adequate testing facilities or shall have access to such testing facilities to test the product as per the specifications recognised under section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).

(b) Sampling for testing shall be based on a recorded investigation.

(c) Adequate records in respect of tests carried out shall be regularly and systematically maintained.

(iv) **Pacing Control**

A packing specification safeguarding against adverse effects of weather condition shall be laid down with a view to satisfying the requirements mentioned in the Annexure for packing the aforesaid product.

(2) **Inspection.**—The inspection of power driven pumps intended for export shall be carried out with a view to seeing that the aforesaid controls have been exercised at the relevant levels satisfactorily and that the power driven pumps conform to the standard specifications applicable to it.

4 Procedure of Inspection.—(1) The exporter shall give intimation in writing to any one of the agencies recognised under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), and submit along with such intimation a declaration that the consignment of power driven pumps has been or is being manufactured by exercising quality control measures as provided under rule 3 and that the consignment conforms to the requirements of the specifications recognised for this purpose.

(2) The exporter shall also furnish to the agency the identification marks applied on the consignment.

(3) Every intimation and declaration under sub-rule (1) shall reach the agency not less than seven days prior to the despatch of the consignment from the premises of the manufacturer/exporter.

(4) On receipt of the intimation and declaration under sub-rules (1) and (2), the agency:

(a) in the case of an exporter, who is himself the manufacturer on satisfying itself that during the process of manufacture he had exercised adequate quality control as provided under rule 3 and the instructions, if any, issued by the Export Inspection Council in this regard to manufacture the product according to the standard specifications applicable to it, shall within three days, issue a certificate declaring the consignment of power driven pumps as export-worthy;

(b) in the case of an exporter, who is not himself manufacturer on satisfying itself that during the process of manufacture the manufacturer had exercised adequate quality control as provided under rule 3 and the instructions, if any, issued by the Export Inspection Council in this regard to manufacture the product according to the standard specifications applicable to it, shall within three days of carrying

out the inspection issue a certificate declaring the consignment of power driven pumps as export-worthy.

5. **Affixation of recognised mark and procedure thereof.**—The provisions of the Indian Standards Institution (Certification Marks) Act, 1952 (36 of 1952) the Indian Standards Institution (Certification Marks) Rules, 1955 and the Indian Standards Institution (Certification Marks) Regulations, 1955, shall, so far as may be, apply in relation to the procedure of affixation of the recognised mark or seal on power driven pumps meant for export denoting its conformity to the standard specifications and power driven pump so marked shall not be subjected to any inspection under rule 4 of these rules.

6. **Place of Inspection.**—Inspection under these rules shall be carried out at the premises of the manufacturer or the premises of the exporter at the port of shipment

7. **Inspection Fee.**—A fee at the rate of 20 paise for every hundred rupee of f.o.b value of each such consignment shall be paid by the exporter to the Agency as inspection fee under these rules.

8. **Appeal.**—(1) Any person aggrieved by the refusal of the Agency to issue a certificate under sub-rule (4) of rule 4 may, within ten days of the receipt of the communication of such refusal by him prefer an appeal to a panel of experts, consisting of not less than three persons, as may be appointed for the purpose by the Central Government.

(2) The quorum for the panel shall be three

(3) The decision of the said panel on such appeal shall be final

ANNEXURE I

(See rule 3)

Levels of Control

Sl. No.	Control to be exercised	Specification for reference	Sample size	Lot size
1	2	3	4	5
	A. Complete pumps			
1.	Material . .	specification recognised under section 6 of the (Export Quality Control and Inspection) Act 1963.	One No.	Each batch of production
2.	Shapes and dismensions . .	—do—	Each	..
3.	Workmanship and finish . .	—do—	—do—	..
4.	Balancing of impeller .	—do—	—do—	..
5.	Hydrostatic Test . .	—do—	—do—	..
6.	Hydraulic pressure test of casing .	—do—	—do—	..
7.	Complete performance to check the conformity with design curves, *e. g.* Capacity *vs.* Head . . Capacity *vs.* KW/BHP . . Capacity *vs.* efficiency . .	—do—	—do—	..
*8.	Speed characteristics (Tests—shall be performed at the rated speed if the electric supply arrangements permit; if not, the pump shall be tested at a different speed suitable to the supply arrangements and the following rules shall be used for arriving at the performance at the rated speed)	—do—	—do—	
	(a) Capacity $\propto$ Speed . .			
	(b) Head $\propto$ Speed^2 .			
	(c) Power $\propto$ Speed^3 . .			

N.B.—*For pumps requiring power consumption more than 100 KW—

(a) for multistage pumps, it shall be tested only for those number of stages of the unit which comes within the (100 KW) power requirements;

(b) for a single stage pump, the test shall be on a model pump geometrically similar to the actual pump and the laws of hydraulic similitude shall be applied for computing the performance of the actual pump.

Sl. No.	Controls to be exercised	Specification for reference	Sample size	Lot size
1	2	3	4	5
	B. Spares and components			
1.	Material . .	Specification recognised under section 6 of the Export (Quality Control and Inspection) Act 1963	One No.	Each batch of production.
2.	Shapes . . .	—do—	Each	
3.	Dimensions within tolerance .			
	(i) Critical . .	—do—	—do—	
	(ii) Others . .	—do—	Adequate numbers based on recorded investigation	
4.	Workmanship and finish . .	—do—	Each	
**5.	Casting defects and grade of casting	—do—	One No.	Each charge
6.	Physical properties—			
	(i) Hardness . .	—do—	Three numbers	Each charge from each oven
	(ii) Surface finish etc. .	—do—	Each	
7.	Performance . .	—do—	5% at random	Each batch of production.
	C. Packaging			
	***(a) Appearance . .	—do—	Each	
	****(b) Drop Test . .	—do—	One number	Each consignment
	(c) Rolling Test . .	—do—	—do—	—do—
	(d) Water Spraying Test .	—do—	One number	Each design

**Test bars to be prepared and tested.

*** The package shall be well finished and have a good appearance.

**** The package shall be such as to ensure that the inner contents shall withstand Drop Test, Rolling Test and Water Spraying Test as given below.

Drop Test.—(to be restricted to head loads only upto a weight of 37 kg) The package to be dropped from a height of 150 cm once on the largest flat surface, once on the longest edge and once on any corner of its own.

Rolling Test.—(to be restricted to a weight of 500 kg only) The package to be subjected to rolling on its sides either six metres forward and six metres backward or twelve metres in one direction only.

Water Spraying Test.—The package to be allowed to be exposed against a water spray equivalent to a normal accidental shower for one minute.

[No. 60(20)Exp.Insp/67.]

S.O. 3222.—In exercise of the powers conferred by section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), the Central Government hereby recognises the following inspection agencies for quality control and inspection of power driven pumps including their spare parts, components and accessories meant for export, namely:—

1. Export Inspection Agency, Cochin,
Manohar Buildings,
Mahatma Gandhi Road,
Ernakulam-1.

2. Export Inspection Agency, Madras,
C/o The Regional State Trading Corpn.,
P.B. No. 456,
123 Mount Road,
Madras-6.

3 Export Inspection Agency, Calcutta,
15/1 B, Ezra Street, 10th Floor,
Calcutta-1.

4. Export Inspection Agency, Bombay,
'Harchandrai House', 1st Floor,
81 Queen's Road,
Bombay-2.

5. Export Inspection Agency, Delhi,
2179, Gurudwara Road,
Karol Bagh,
New Delhi-5.

Explanation.—In this notification "power driven pump" shall mean a device driven by a prime mover and used for raising fluids from a lower to a higher level or for imparting energy to fluids, and shall include all their spares, components and accessories.

[No. 60(20)Exp.Insp/67.]

S.O. 3223.—In exercise of the powers conferred by section 8 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), and after previous publication as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964, the Central Government recognises the Indian Standards Institution Certification Mark with respect to power driven pumps for the purpose of denoting that where power driven pumps are affixed with such mark, they shall be deemed to be in conformity with the standard specification applicable thereto under clause (c) of section 6 of the said Act.

Explanation.—In this notification "power driven pump" shall mean a device driven by a prime mover and used for raising fluids from a lower to a higher level or for imparting energy to fluids, and shall include all the spares, components and accessories of such power driven pumps.

[No. 60(20)Exp.Insp/67.]

S.O. 3224.—In exercise of the powers conferred by section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), and after previous publication as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964, the Central Government hereby—

(1) notifies that automobile spares, components and ancillaries shall be subject to quality control and inspection prior to export;

(2) specifies the type of quality control and inspection in accordance with the Export of Automobile Spares, Components and Ancillaries (Quality Control and Inspection) Rules, 1967 as the type of quality control and inspection which would be applied to such automobile spares, components and ancillaries;

(3) recongises—

(a) the contractual specifications as agreed upon between the buyer and the seller, and

(b) in the absence of any contractual specifications, the specifications issued by the Indian Standards Institution for automobile spares, components and ancillaries as given in Annexure I to this notification, as the standard specifications for automobile spares, components and ancillaries;

(4) prohibits the export, in the course of international trade of such automobile spares, components and ancillaries unless the same are either accompanied by a certificate issued by any of the Export Inspection Agencies established under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) to the effect that the automobile spares, components and ancillaries are export-worthy, or are affixed with a seal or mark recognised by the Central Government under section 8 of the said Act.

2. Nothing in this notification shall apply to the export by land, sea or air of *bona fide* free samples of automobile spares, components and ancillaries aforesaid of value not exceeding rupees two hundred fifty to prospective buyers.

3. **Definition.**—In this notification 'automobile spares, components and ancillaries' shall mean the manufactured products used in automobiles, including that used as a replacement for the original product given in the Annexure II to this notification and 'automobile' shall mean any self propelled two, three or more wheeled vehicles, single or multi-axled and shall include trailers also whether attached to the vehicle or not.

4 This notification shall come in force on 3rd October, 1967.

ANNEXURE I

[*See* clause (b) of sub-para (3) of para 1]

S. No.	Commodity	Relevant specification issued by I.S.I.
1	2	3
1.	Automobile electric horn relay	IS : 2077—1962
2.	Automobile horns part IDC vibrating type	IS : 1884—1961 Pt. I
3.	Automobile Part II wind tone type	IS : 1884—1963 Pt.II
4.	Automobile lamps	IS : 1606—1960
5.	Cartridge fuse links for automobile	IS : 2577—1963
6.	Generators (Dynamos) for automobiles	IS : 2646—1964
7.	Ignition coils	IS : 2325—1963
8.	Sparking plugs 14 mm	IS : 1063—1963
9.	Taper terminal cable connectors for automobile batteries	IS : 2081—1962
10.	Automobile break lining	IS : 2742—1964
11.	General requirements for leaf springs for automobile suspension	IS : 1135—1957
12.	Helical springs for automobile suspension	IS : 2634—1964
13.	Inlet and exhaust valves for internal combustion engines	IS : 810—1957
14.	Single cylinder fuel injection pumps	IS : 1543—1960
15	Indicating instruments, electrical	IS : 1248—1958
16.	Radiator Hose	IS : 2765—1964
17.	Braided hose of Rubber for petrol and diesel fuels	IS : 2396—1963

NOTE.—If in respect of any commodity specified in column (2) there are any later versions to the relevant specifications by the Indian Standard Institute, the specification applicable to such commodity shall be the latest of such versions and not the specification mentioned in column (3).

ANNEXURE II

(*See* para 3)

I. ENGINE GROUP.

1. Pistons.
2. Piston rings
3. Piston pins
4. Piston Pin retaining rings
5. Main bearing
6. Connecting Rod Bearings
7. Camshaft Bearings.
8. Inlet Valves
9. Exhaust Valves
10. Valve Springs
11. Valve Guides
12. Valve Locking Pins.
13. Rod, Valve Push.
14. Camshaft Gear
15. Crankshaft Gear
16. Head, Valve Stem Guide
17. Valve Seats
18. Bushes
19. Liners for Cylinders, Dry and Wet
20. Connecting rod bolts and nuts
21. Engine head bolts, studs and nuts.
22. Flywheel Ring Gears.

II CLUTCH GROUP.

1. Clutch Disc with Liner
2. Clutch Liner
3. Clutch Levers.
4. Thrust Bearings Bushings & Collars.
5. Bearing, Clutch Release.
6. Clutch Lever Spring
7. Clutch Pressure Plate.

III. INJECTION PUMP (Diesel).

1. Nozzles
2. Pump Elements
3. Diesel Fuel Hose Pipe
4. Suction and Delivery Valve
5. Filter Elements
6. Governor Diaphragm.
7. Hand Priming Pump Diaphragm
8. Fuel Injection Pipes with nuts and nipples

IV COOLING SYSTEM.

1. Hoses
2. Water Pump Repair Kit
3. Impeller Shaft.
4. Seal Package Water Pump
5. Fan Belt
6. Radiators.

V. FUEL.

1. Repair Kit, complete fuel pump (Diaphragm packing ring rocker/arm, spring strainer).
2. Fuel Hose.

VI. DISTRIBUTOR.

1. Distributor Cap
2. Plunder Distributor Cap
3. Rotor
4. Contact Points set
5. Condensor
6. High Tension Cables

VII **ELECTRIC HORN.**

1. Horn Relay
2. Horn Diaphragm
3. Horn Contact Points

VIII **SPARK PLUGS.**

1. Spark Plugs (all sizes).

IX **IGNITION COIL.**

1. Ignition Coil with or without Bracket.

X **STARTER MOTOR.**

1. Carbon Brushes and springs
2. Bearing and Bushings.
3. Armature.
4. Voltage Regulator.
5. Flasher Units.

XI. **GENERATOR.**

1. Carbon Brushes and springs.
2. Bearing and Bushings
3. Armature.
4. Voltage regulator
5. Flasher Units.

XII **LAMPS.**

1. Bulbs.
2. Direction Indicator Flashers.

XIII **TRANSMISSION.**

1. Bearings, Ball Taper and Roller.

XIV **PROPELLER SHAFT AND UNIVERSAL JOINT.**

1. Bearing, Propeller Shaft Centre
2. Cross and Bearing Unit, Universal Joint
3. Propeller Shaft

XV **BRAKES.**

1. Cups, Master Cylinder
2. Valve, Master Cylinder
3. Brake Liners
4. Wheel Cylinder Cups.
5. Spring.
6. Brake Shoe Return Spring
7. Brake Hoses.
8. Cylinder Repair Kit. Front/Rear Wheel Brakes.
9. Master Cylinder Repair Kit
10. Hydrovac Repair Kit.
11. Piston Packing Kit.
12. Valve Wheel Cylinder Bleeder

XVI **STEERING.**

1. Bearings, Oil seals and shims.

XVII. **WHEELS, HUBS AND DRUMS.**

1. Bearing, Taper and Roller.
2. Oil Seals.
3. Brake Drums
4. Hubs.

XVIII **CHASSIS AND SUSPENSION**

1. Front Springs.
2. Rear Springs.
3. Hanger Brackets.
4. Schackle Pins.

5. Spring Leaves
6. Centre Bolts.
7. Shackle, Front Spring/Rear Spring.
8 'U' Bolts.

XIX **DASHBOARD INSTRUMENTS.**

1. Speedometer.
2. Speedometer inner cable.
3 Gear, speedometer Drive.
4 Oil Pressure Gauges.
5. Fuel Gauges.
6. Thermometers.
7. Ammeters.

XX **SHOCK ABSORBER.**

1. Shock Absorbers Front and Rear.
2. Link, Shock Absorber.
3. Rubber Bushings

XXI **BRAKE BOOSTER.**

1. Leather Washer.
2. Springs.
3. Packings and Connections.
4. Booster Cylinder Repair Kits.

XXII **BOOSTER COMPRESSOR TYPE.**

1. Piston.
2. Piston rings.
3. Connecting Rod Bearings.
4. Connecting Rod Bushings
5. Valve Disc.
6. Suction Valve Cap.

XXIII **FRONT AXLE.**

1. Tie Rod Ends.
2. Drag Link Ends.
3 King Pin Complete Repair Kit.
4. Bearing, Knuckle Thrust.
5. King Pin Bushings.

XXIV **REAR AXLE.**

1. Gear Ring and Pinion Set.
2. Bearing Pinion Front (Cone and Cups where applicable).
3. Bearing Pinion Rear (Cone and Cups where applicable).
4. Bearing Differential (Cone and Cups where applicable).
5. Bearing Drive Shaft (Cone and Cups where applicable also).
6. Bearing Pinion Pilot
7. Cone and Rollers, Inner Pinion Front Bearing.
8. Axle Shafts Front.
9. Axle Shaft Rear.

XXV **WIPER**

1. Blade and Arm only.

XXVI **MISCELLANEOUS ITEMS.**

1. Throttle Control.
2. Tube Throttle Control.
3. Door Locks.
4. Jacks (Lifting).

XXVII Fasteners i.e Bolts studs, screws, nuts and washers connected with Groups, I, II, III, XIII, XIV, XVI, XVII, XIX, XXIII and XIV.

XXVIII Gaskets for all items.

XXIX Oil seals for all types

XXX Grease Nipples.

[No. 60(157)Exp Insp/66.]

S.O. 3225.—In exercise of the powers conferred by section 17 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), the Central Government hereby makes the following rules, namely:—

1. **Short title and commencement.**—(1) These rules may be called the Export of Automobile Spares Components and Ancillaries (Quality Control and Inspection) Rules, 1967.

(2) They shall come into force on 3rd October, 1967

2. **Definition.**—In these rules, unless the context otherwise requires—

(a) 'Agency' means any one of the Export Inspection Agencies established at Cochin, Madras, Calcutta, Bombay and Delhi under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).

(b) 'Automobile spares, components and ancillaries' shall mean the manufactured products used in automobiles, including that used as a replacement for the original product given in the Schedule to these rules and 'Automobile' shall mean any self propelled two, three or more wheeled vehicles, single, or multi-axled and shall include trailers also whether attached to the vehicle or not.

3. **Quality Control.**—(1) The quality of the automobile spares, components and ancillaries intended for export shall be ensured by effecting the following controls, at different stages of manufacture together with the levels of control as given in the Annexure hereto namely:—

(i) Bought out materials and components control.

(a) Purchase specifications shall be laid down by the manufacturer incorporating the properties of materials/components to be used and the detailed dimensions thereof with tolerances.

(b) The accepted consignments shall be either, accompanied by a supplier's test/inspection certificate corroborating the requirements of the purchase specification, in which case occasional checks shall be conducted by the purchaser for a particular supplier to verify the correctness of the aforesaid test/inspection certificates, or the purchased materials/components shall be regularly inspected/tested either in a laboratory within the factory or in an outside laboratory/test house

(c) The sampling for inspection/test to be carried out, shall be based on a recorded investigation.

(d) After the inspection/test is carried out, systematic methods shall be adopted in segregating the accepted and rejected materials/components separately, and in disposal of rejected materials/components.

(e) Adequate records in respect of above mentioned controls shall be regularly and systematically maintained.

(ii) Process Control.

(a) Detailed process specifications shall be laid down by the manufacturer for different processes of manufacture.

(b) Equipments/instrumentation and facilities shall be adequate to control the processes as laid down in the process specifications

(c) Adequate records shall be maintained to ensure the possibility of verifying the controls exercised during the process of manufacture.

(iii) Product Control.

(a) The manufacturers shall either have his own adequate testing facilities, or shall have access to such testing facilities existing elsewhere to test the product as per the specifications recognised under section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).

(b) Sampling (wherever required) for testing shall be based on a recorded investigation.

(c) Adequate records in respect of tests carried out shall be regularly and systematically maintained.

(iv) **Preservation Control.**

(a) A detailed specification shall be laid down by the manufacturer to safeguard the product from adverse effects of weather conditions.

(b) The product shall be well preserved both during storage and during transit.

(v) **Packing Control.**

(a) A specification shall be laid down for packing the aforesaid product

(2) **Inspection**.—The inspection of automobile spares, components and ancillaries intended for export shall be carried out with a view to seeing that the above mentioned controls have been exercised at the relevant levels satisfactorily and that the automobile spares, components and ancillaries conform to the standard specifications applicable to it.

4. **Procedure of Inspection.**— The exporter shall give intimation in writing to any one of the agencies recognised under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) and submit along with such intimation a declaration that the consignment of automobile spares, components and ancillaries has been or is being manufactured by exercising quality control measures as per controls referred to under rule 3 and that the consignment conforms to the requirements of the specifications recognised for the purpose

(2) The exporter shall also furnish to the agency the identification marks applied on the consignment.

(3) Every intimation and declaration under sub-rule, (1) shall reach the office of the agency not less than seven days prior to the despatch of the consignment from the manufacturer's/exporter's premises.

(4) On receipt of the intimation and declaration under sub-rule (1) and (2), the agency:

(a) in the case of an exporter who is himself the manufacturer on satisfying itself that during the process of manufacture he had exercised adequate quality control as provided under rule 3 and the instructions, if any, issued by the Export Inspection Council in this regard to manufacture the product according to the standard specifications applicable to it, shall within three days, issue a certificate declaring the consignment as export-worthy;

(b) in the case of an exporter, who is not himself the manufacturer on satisfying itself that during the process of manufacture the manufacturer had exercised adequate quality control as provided under rule 3 and the instructions, if any, issued by the Export Inspection Council in this regard to manufacture the product according to the standard specifications applicable to it, shall, within three days of carrying out of the inspection, issue a certificate declaring the consignment as export-worthy

5. **Affixation of recognised mark and procedure thereof.**—The provisions of the Indian Standards Institution (Certification Marks) Act, 1952 (36 of 1952), the Indian Standards Institution (Certification Marks) Rules, 1955 and the Indian Standards Institution (Certification Marks) Regulations, 1955, shall, so far as may be, apply in relation to the procedure of affixation of the recognised mark or seal on automobile spares, components and ancillaries prior to export and automobile spares, components and ancillaries so marked shall not be subjected to any inspection under rule 4 of these rules.

6. **Place of Inspection.**—Inspection under these rules shall be carried out either at the premises of the manufacturer or at the premises of the exporter at the port of shipment.

7. **Inspection Fee**.—A fee @ 20 paise per every hundred rupee of f.o.b. value of each such consignment shall be paid by the exporter to the inspection agency as inspection fee under rule 4 of these rules

8. **Appeal.**—(1) Any person aggrieved by the refusal of the inspection agency to issue a certificate under sub-rule (4) of rule 4 may, within ten days of the receipt of the communication of such refusal by him, prefer an appeal to a

panel of experts, consisting of not less than three persons, as may be constituted by the Central Government.

(2) The quorum for the panel shall be three.

(3) The decision of the said panel of experts on such appeal shall be final.

ANNEXURE

(See rule 3)

Levels of Control

Sl. No.	Requirements	Reference	No. of samples to be tested	Lot size
1	2	3	4	5
1.	Material . . .	Standard specification recognised for the purpose	—	Adequate number based on SQC
2.	Dimensions with tolerances :			
	(a) Critical . . .	—do—	—	Each
	(b) Other . . .	—do—	—	Adequate number based on SQC
3.	Workmanship and finish (Visual) .	—do—	—	Each
4.	Casting defects . .	—do—	—	Each
5.	Grade/metallurgical requirements of casting . . .	—do—	One	Item manufactured under identical conditions
6.	Hardness for heat treated parts .	—do—	Three	Each charge from each oven
7.	Electroplating : (a) Adhesion } (b) Thickness } . .	—do—	One	Each batch's production
8.	(a) Insulation Resistance } for electrical parts	—do—	Each	—
	(b) High voltage }		Three	Each batch
9.	(a) Shore hardness } for rubber	—do—	3 Nos	Each batch
	(b) Ageing test } parts		1 No.	—do—
10.	Adhesion strength for rubber bonded parts . . .	—do—	3 Nos.	—do—
11.	Functional test for complete assemblies wherever required .	—do—	1 No.	Adequate number based on SQC
12.	Packing :			
	*(a) Appearance . . .	—do—	Each	—
	**(b) Drop Test . . .	—do—	1 No.	Each consignment
	(c) Rolling Test. . .	—do—	1 No.	—do—
	(d) Water Spraying Test .	—do—	1 No.	Each design

*The package shall be well finished and have a good appearance.

**The inner contents of the package shall be so packed as to withstand Drop Test, Rolling Test and Water Spraying Test as given below:

(i) **Drop Test** (to be restricted to head load upto 37 kg.)

The package to be dropped from a height of one metre once on the largest flat surface, once on the longest edge and once on any corner of its own.

(ii) **Rolling Test** (to be restricted upto a weight of 500 kg.)

The package to be subjected to rolling on its sides either 6 metres forward and 6 metres backward or 12 metres in one direction only.

(iii) **Water Spraying Test**

The package to be allowed to be exposed against a water spray equivalent to a normal sudden monsoon shower for five minutes.

THE SCHEDULE

[*See* rule 2(b)]

I. **ENGINE GROUP**

1. Pistons
2. Piston rings
3. Piston pins
4. Piston Pin retaining rings
5. Main bearing
6. Connecting Rod Bearings
7. Camshaft Bearings
8. Inlet Valves
9. Exhaust Valves
10. Valve Springs
11. Valve Guides
12. Valve Locking Pins
13. Rod, Valve Push
14. Camshaft Gear
15. Crankshaft Gear
16. Head, Valve Stem Guide
17. Valve Seats
18. Bushes
19. Liners for Cylinders, Dry and Wet
20. Connecting rod bolts and nuts
21. Engine head bolts, studs and nuts
22. Flywheel Ring Gears

II. **CLUTCH GROUP**

1. Clutch Disc with Liner
2. Clutch Liner
3. Clutch Levers
4. Thrust Bearings, Bushings & Collars
5. Bearing, Clutch Release
6. Clutch Lever Spring
7. Clutch Pressure Plate

III. **INJECTION PUMP (Diesel)**

1. Nozzles
2. Pump Elements
3. Diesel Fuel Hose Pipe
4. Suction and Delivery Valve
5. Filter Elements
6. Governor Diaphragm
7. Hand Priming Pump Diaphragm
8. Fuel Injection Pipes with nuts and nipples

IV. **COOLING SYSTEM**

1. Hoses
2. Water Pump Repair Kit
3. Impeller Shaft
4. Seal Package Water Pump
5. Fan Belt
6. Radiators

V **FUEL**

1. Repair Kit, complete fuel pump (Diaphragm packing ring rocker/arm, spring strainer)
2. Fuel Hose

VI **DISTRIBUTOR**

1. Distributor Cap
2. Plunder Distributor Cap
3. Rotor
4. Contact Points set
5. Condensor
6. High Tension Cables

VII **ELECTRIC HORN**

1. Horn Relay
2. Horn Diaphragm
3. Horn Contact Points

VIII **SPARK PLUGS**

1. Spark Plugs (all sizes)

IX **IGNITION COIL**

1. Ignition Coil with or without Bracket.

X **STARTER MOTOR**

1. Carbon Brushes and springs
2. Bearing and Bushings
3. Armature
4. Voltage Regulator
5. Flasher Units

XI **GENERATOR**

1. Carbon Brushes and springs
2. Bearing and Bushings
3. Armature
4. Voltage regulator
5. Flasher Units

XII **LAMPS**

1. Bulbs
2. Direction Indicator Flashers

XIII **TRANSMISSION**

1. Bearings, Ball Taper and Roller

XIV **PROPELLER SHAFT & UNIVERSAL JOINT**

1. Bearing, Propeller Shaft Centre
2. Cross and Bearing Unit, Universal Joint
3. Propeller Shaft

XV **BRAKES**

1. Cups, Master Cylinder
2. Valve, Master Cylinder
3. Brake Liners
4. Wheel Cylinder Cups
5. Spring
6. Brake Shoe Return Spring
7. Brake Hoses
8. Cylinder Repair Kit, Front/Rear Wheel Brakes
9. Master Cylinder Repair Kit
10. Hydrovac Repair Kit
11. Piston Packing Kit
12. Valve, Wheel Cylinder Bleeder

XVI **STEERING**

1. Bearings, Oil seals & shims

XVII WHEELS, HUBS AND DRUMS

1. Bearing, Taper and Roller
2. Oil Seals
3. Brake Drums
4. Hubs

XVIII CHASSIS AND SUSPENSION

1. Front Springs
2. Rear Springs
3. Hanger Brackets
4. Schackle Pins
5. Spring Leaves
6. Centre Bolts
7. Schackle, Front Springs/Rear Spring
8. 'U' Bolts

XIX DASHBOARD INSTRUMENTS

1. Speedometer
2. Speedometer inner cable
3. Gear, speedometer Drive
4. Oil Pressure Gauges
5. Fuel Gauges
6. Thermometers
7. Ammeters

XX SHOCK ABSORBER

1. Shock Absorbers Front and Rear
2. Link, Shock Absorber
3. Rubber Bushings

XXI BRAKE BOOSTER

1. Leather Washer
2. Springs
3. Packings & Connections
4. Booster Cylinder Repair Kits

XXII BOOSTER COMPRESSOR TYPE

1. Piston
2. Piston rings
3. Connecting Rod Bearings
4. Connecting Rod Bushings
5. Valve Disc.
6. Suction Valve Cap.

XXIII FRONT AXLE

1. Tie Rod Ends
2. Drag Link Ends
3. King Pin Complete Repair
4. Bearing, Knuckle Thrust
5. King Pin Bushings

XXIV REAR AXLE

1. Gear Ring and Pinion Set
2. Bearing Pinion Front (Cone & Cups where applicable)
3. Bearing Pinion Rear (Cone & Cups where applicable)
4. Bearing Differential (Cone & Cups where applicable)
5. Bearing Drive Shaft (Cone and Cups where applicable also)
6. Bearing Pinion Pilot
7. Cone & Rollers, Inner Pinion Front Bearing
8. Axle Shafts Front.
9. Axle Shaft Rear

XXV WIPER

1. Blade and Arm only

XXVI MISCELLANEOUS ITEMS

1. Throttle control
2. Tube Throttle Control
3. Door Locks
4. Jacks (Lifting).

XXVII. Fasteners i.e. Bolts, studs, screws, nuts and washers connected with Groups, I, II, III, XIII, XIV, XVI, XVII, XIX, XXIII and XXIV.

XXVIII. Gaskets for all items

XXIX Oils seals for all types

XXX GREASE Nipples.

[No. 60(157)Exp Insp/66.]

S.O. 3226.—In exercise of the powers conferred by section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), the Central Government hereby recognises the following inspection agencies for quality control and pre-shipment inspection of automobile spares, components and ancillaries specified in the Schedule of the Export of Automobile Spares, Components and Ancillaries (Quality Control and Inspection) Rules, 1967, for purposes of export, in granting the certificate under sub-rule (4) of rule 4 of the said rules, namely:—

1. Export Inspection Agency Cochin, 'Monohar Building', Mahatma Gandhi Road, **Ernakulam-1.**
2. Export Inspection Agency, Madras, 'World Trade Centre', 'Sire Mansion', 123, Mount Road, **Madras-6.**
3. Export Inspection Agency, Calcutta, World Trade Centre', 14/1-B, Ezra Street (10th Floor), **Calcutta-1.**
4. Export Inspection Agency, Bombay 'Harchandrai House', First Floor, 81, Queen's Road, **Bombay-2.**
5. Export Inspection Agency, Delhi 2179, Gurudwara Road, Karol Bagh, **New Delhi-5.**

[No. 60(157)Exp. Insp/66.]

S.O. 3227.—In exercise of the powers conferred by section 8 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) and after previous publication as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964, the Central Government hereby recognises the Indian Standards Institution Certification Mark with respect to automobile spares, components and ancillaries for the purpose of denoting that where automobile spares, components and ancillaries are affixed with such mark, they shall be deemed to be in conformity with the standard specification applicable thereto under clause (c) of section 6 of the said Act.

Explanation.—The expression 'automobile spares components and ancillaries' for the purpose of this notification, shall mean the manufactured products used in automobiles, including that used as a replacement for the original product given in the Schedule annexed hereto and 'automobile' shall mean any self-propelled two, three or more wheeled vehicles, single or multi-axled and shall include trailers also whether attached to the vehicle or not.

THE SCHEDULE

I **ENGINE GROUP**

1. Pistons
2. Piston rings
3. Piston pins
4. Piston Pin retaining rings
5. Main bearing
6. Connecting Rod Bearings
7. Camshaft Bearings
8. Inlet Valves
9. Exhaust Valves
10. Valve Springs
11. Valve Guides
12. Valve Locking Pins
13. Rod, Valve Push
14. Camshaft Gear
15. Crankshaft Gear
16. Head, Valve Stem Guide
17. Valve Seats
18. Bushes
19. Liners for Cylinders, Dry and Wet

20. Connecting rod bolts and nuts
21. Engine head bolts, studs and nuts
22. Flywheel Ring Gears

II. **CLUTCH GROUP**

1. Clutch Disc with Liner
2. Clutch Liner
3. Clutch Levers
4. Thrust Bearings, Bushings & Collars
5. Bearing, Clutch Release
6. Clutch Lever Spring
7. Clutch Pressure Plate

III. **INJECTION PUMP (Diesel)**

1. Nozzles
2. Pump Elements
3. Diesel Fuel Hose Pipe
4. Suction and Delivery Valve
5. Filter Elements
6. Governor Diaphragm
7. Hand Priming Pump Diaphragm
8. Fuel Injection Pipes with nuts and nipples

IV. **COOLING SYSTEM**

1. Hoses
2. Water Pump Repair Kit
3. Impeller Shaft
4. Seal Package Water Pump
5. Fan Belt
6. Radiators

V. **FUEL**

1. Repair Kit, complete fuel pump (Diaphragm packing ring rocker/arm, spring strainer)
2. Fuel Hose

VI **DISTRIBUTOR**

1. Distributor Cap
2. Plunder Distributor Cap
3. Rotor
4. Contact Points set
5. Condensor
6. High Tension Cables

VII. **ELECTRIC HORN**

1. Horn Relay
2. Horn Diaphragm
3. Horn Contact Points

VIII. **SPARK PLUGS**

1. Spark Plugs (all sizes)

IX. **IGNITION COIL**

1. Ignition Coil with or without Bracket

X. **STARTER MOTOR**

1. Carbon Brushes and springs
2. Bearing and Bushings
3. Armature
4. Voltage Regulator
5. Flasher Units

XI. **GENERATOR**

1. Carbon Brushes and springs
2. Bearing and Bushings
3. Armature
4. Voltage regulator
5. Flasher Units

XII. **LAMPS**

1. Bulbs
2. Direction Indicator Flashers

XIII **TRANSMISSION**

1. Bearings, Ball Taper and Roller

XIV. **PROPELLER SHAFT & UNIVERSAL JOINT**

1. Bearing, Propeller Shaft Centre
2. Cross and Bearing Unit, Universal Joint
3. Propeller Shaft

XV. **BRAKES**

1. Cups, Master Cylinder
2. Valve, Master Cylinder
3. Brake Liners
4. Wheel Cylinder Cups
5. Spring
6. Brake Shoe Return Spring
7. Brake Hoses
8. Cylinder Repair Kit, Front/Rear Wheel Brakes
9. Master Cylinder Repair Kit
10. Hydrovac Repair Kit
11. Piston Packing Kit
12. Valve, Wheel Cylinder Bleeder

XVI. **STEERING**

1. Bearings, Oil seals & shims.

XVII. **WHEELS HUBS AND DRUMS**

1. Bearing, Taper and Roller
2. Oil Seals
3. Brake Drums
4. Hubs

XVIII **CHASSIS AND SUSPENSION**

1 Front Springs
2 Rear Springs
3 Hanger Brackets
4 Shackle Pins
5. Spring Leaves
6. Centre Bolts
7. Shackle, Front Spring/Rear Spring
8 'U' Bolts

XIX. **DASHBOARD INSTRUMENTS**

1 Speedometer
2. Speedometer inner cable
3. Gear, speedometer Drive
4. Oil Pressure Gauges
5. Fuel Gauges
6. Thermometers
7. Ammeters

XX **SHOCK ABSORBER**

1. Shock Absorbers Front and Rear
2. Link, Shock Absorber
3. Rubber Bushings

XXI. **BRAKE BOOSTER**

1. Leather Washer
2. Springs
3. Packings and Connections
4. Booster Cylinder Repair Kits

XXII. **BOOSTER COMPRESSOR TYPE**

1. Piston
2. Piston rings
3. Connecting Rod Bearings
4 Connecting Rod Bushings

5. Valve Disc
6. Suction Valve Cap

XXIII. FRONT AXLE

1. Tie Rod Ends
2. Drag Link Ends
3. King Pin Complete Repair
4. Bearing, Knuckle Thrust
5. King Pin Bushings

XXIV. REAR AXLE

1. Gear Ring and Pinion Set
2. Bearing Pinion Front (Cone & Cups where applicable)
3. Bearing Pinion Rear (Cone & Cups where applicable)
4. Bearing Differential (Cone & Cups where applicable)
5. Bearing Drive Shaft (Cone and Cups where applicable also)
6. Bearing Pinion Pilot
7. Cone and Rollers, Inner Pinion Front Bearing
8. Axle Shafts Front
9. Axle Shaft Rear

XXV. WIPER

1. Blade and Arm only

XXVI. MISCELLANEOUS ITEMS

1. Throttle Control
2. Tube Throttle Control
3. Door Locks
4. Jacks (Lifting)

XXVII. Fasteners *i.e.*, Bolts, studs, screws, nuts and washers connected with Groups I, II, III, XIII, XIV, XVI, XVII, XIX, XXIII and XXIV.

XXVIII. Gaskets for all items

XXIX. Oil seals for all types

XXX. Grease Nipples

[No. 60(157)Exp. Insp./66.]

A. C. BANERJEE, Joint Secy.

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